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## *Report: Query: ChoicessortedbyCategory*

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<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
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### **Constructed Wetlands**

Specific Project

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City of Gordon interested in research on new constructed wetland and research focused on viability of different treatment methods

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internal RBC/other colleges GORDON

Wilkinson

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### **Crossings and Utility Right of Ways**

identify problem areas

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		The Community Development Director has had preliminary discussions with the engineering firm that serves as the County's engineers on identifying problem areas as part of a potential master stormwater management plan for the County. The Community Development Director also has requested that stormwater management planning and improvements be included in the up-coming SPLOST requests. While all of the preceding is pending, formal identification of problem areas and the types of improvements necessary has been discussed and there is recognition that further work needs to be undertaken.	internal RBC/other colleges		Butts
			internal RBC/other colleges		Baldwin
	develop better design guidelines				
		Details for utility crossings: the county would like assistance in the development of design details for utility crossings at streams; specifically, the county would be interested in details for utilities other than water, such as power lines, gas lines, communication cables, etc.	student projects		Gwinnett
		Creation and adoption of utility right of way management plans that encourage wildlife habitat, travel-ways, and/or alternative transportation routes. An example of a program that could be considered for adoption by all utilities in the community is the Georgia Power Wings program.	student projects		Clarke

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		Provide design guidelines that accommodate wildlife travel-ways – especially related to road crossings. Currently little consideration is given to bridge/road design as it relates to wildlife. Thus, we are creating “islands” by cutting off travel corridors. Generating wildlife accommodating designs and getting the designs incorporated into construction standards is a very important need.	student projects		Clarke

## **Economics**

identify economic incentives for watershed planning and management

County may benefit from information regarding the economic benefits of water resource protection for the long term	student projects	Putnam
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Identify economic benefits to home-owners and developers as well as the economic benefit for elected officials to support and fund watershed planning and management	student projects	Clarke
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Develop landowner tax credit for implementing landscape stormwater management practices.	internal RBC/other colleges	Clarke
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		Baldwin
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			internal RBC/other colleges		Baldwin
		Rather than using solely a strict “command and control” regulatory approach, County staff has been trying to identify more market-based approaches to improve planning and mitigate the impacts on watersheds. One consideration has been to charge application fees that accurately reflect the impact on or loss of natural landscapes or other areas that provide natural and beneficial functions. While staff has general knowledge of environmental economics and its applications, it does not have sufficient expertise to identify all alternative incentive	student projects		Butts
					Hall
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Putnam
	determine economic value (including services provided and tourism potential) of a river, stream, or wetland				
		Requests economic analysis on a region-wide basis	student projects		Montgomery
		Requests economic analysis on a region-wide basis	student projects		Bleckley

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			student projects		Baldwin
		Requests economic analysis on a region-wide basis	student projects		Dodge
		Requests economic analysis on a region-wide basis	student projects		Wilcox
		Requests economic analysis on a region-wide basis	student projects		Telfair
			student projects		Baldwin
		Requests economic analysis on a region-wide basis	student projects		Jeff Davis
		Ocmulgee mainstem borders Abbyville; City may benefit from greater understanding of benefits of river; at this time, much talk about effects of flooding	student projects	ABBYVILLE	Wilcox
		Requests economic analysis on a region-wide basis	student projects		Treutlen
		Requests economic analysis on a region-wide basis	student projects		Johnson
			student projects		Crawford

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			student projects		Putnam
		Needs economic assessment for agro-tourism purposes	student projects		Butts
		Needs economic assessment for agro-tourism purposes	student projects		Jasper
		Requests economic analysis on a region-wide basis	student projects		Wheeler
		Requests economic analysis on a region-wide basis	student projects		Laurens
	Specific Project				
		Assist Oconee River Greenway Authority (ORGA) in developing Oconee River Greenway/Park project along river to Fishing Creek.	student projects		Baldwin
		Quantify the effects of trees on stormwater runoff in order to develop a positive credit for trees to counter the negative credit from impervious cover. Could collaborate with Tree Council on this.	student projects		Clarke
		Determine economic values of riparian buffers to farmers and landowners	student projects		Hall

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
<b>Enforcement - general</b>					
	develop better enforcement protocols at development sites				
		Planning Director does not have enough code enforcement officers to visit development sites regularly. Needs more efficient enforcement protocols.	internal RBC/other colleges		Putnam
			internal RBC/other colleges	ATHENS	Clarke
		County inspectors may benefit from assistance with review of better enforcement protocols at development sites:	internal RBC/other colleges	JEFFERSON	Jackson
		County inspectors may benefit from assistance with review of better enforcement protocols at development sites:	internal RBC/other colleges	COMMERCE	Jackson
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Clarke
			internal RBC/other colleges		Statewide
	Specific Projects				

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
<b>Enforcement - long-term source water protection pl</b>		Need more resources to be able to visit more sites for code enforcement.			Statewide
	watershed plan development				
		Bibb County may benefit from increased governmental coordination between City of Macon regarding long term watershed plan development	significant additional resourc		Bibb
		Need initial outreach to encourage watershed plan development by cities within the county.	internal RBC/other colleges		Hall
		The Planning Director and County Commissioners would like assistance with long-term water protection and managing the effects of increased growth.	significant additional resourc		Putnam
		Macon-Bibb collective may benefit from strategic planning process and the further development of a long term source water protection plan	significant additional resourc	MACON	Bibb
	strengthening of existing watershed mgmt plan	internal RBC/other colleges		Bleckley	

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		The Planning Director and County Commissioners would like assistance with long-term water protection and managing the effects of increased growth.	significant additional resourc		Putnam
			internal RBC/other colleges		Putnam
		The Planning Director and County Commissioners would like assistance with long-term water protection and managing the effects of increased growth.	significant additional resourc		Putnam
		County completed update of Comprehensive Plan; may benefit from assistance with development of assistance handbook and guide	internal RBC/other colleges		Jackson
		City of Gordon needs assistance developing a long term water protection plan in conjunction with Wilkinson County in order to be eligible for 319 funds for future water quality protections.	significant additional resourc	GORDON	Wilkinson
		Planning and Zoning department head wants to work with Extension to incorporate long-term watershed-based plan.	significant additional resourc		Jones
		Specific Project			

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		Zoning ordinance committee and the Development Plan Revision Committee has identified major transportation corridors, arterial roads, and projected patterns of commercial growth, it is difficult to know how to plan effectively to manage future development; reports will then be sent to the Board of Commissioners who will use them to guide their thinking about final recommendations for changes in local ordinances and plans; this is expected to occur within 6 months. The revision of the Land Use Plan will result in 2007, but changes will most likely be implemented prior to that time.	internal RBC/other colleges		Putnam

**Enforcement -  
TMDL's**

develop TMDL implementation plan

		TMDL plan the county currently has established TMDL implementation plans for 303(d) listed streams; the county is interested in enhancing or adding to the currently identified management measures that seek to control fecal coliform; the project deliverable would be a list of additional program descriptions that focus on coliform control where it can be managed by local government; research on each suggested program should identify roadblocks (legal, financial, etc.) and suggest methods by which these roadblocks could be overcome.	student projects		Gwinnett
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		Big Cedar Creek TMDL for fecal coliform; City of Wrightsville (outside the Oconee watershed)	significant additional resourc		Johnson
	Specific Projects				
		High fecal coliform levels	significant additional resourc		Gwinnett
		TMDL Implementation Plan already done by RDC; need to actually implement it	significant additional resourc		Monroe
			significant additional resourc		Jeff Davis
			significant additional resourc		Wilcox
		Better organization for enforcement of TMDLs.	significant additional resourc		Macon
			significant additional resourc		Johnson
			significant additional resourc		Treutlen
			significant additional resourc		Montgomery
			significant additional resourc		Telfair
			significant additional resourc		Wheeler

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			significant additional resourc		Laurens
			significant additional resourc		Dodge
			significant additional resourc		Bleckley
<b>Funding</b>					
	grant writing / identifying funding opportunities workshops / federal program training		internal RBC/other colleges		Clarke
		Could use help from UGA students with grant writing and research to raise funds for demonstration projects and materials.	student projects		Clarke
			student projects		Baldwin
			internal RBC/other colleges		Putnam

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		City of Gainesville may benefit from assistance with an existing 319 proposal in order to secure funding for a streambank stabilization project on 2 segments of Flat Creek; one segment is in downtown Gainesville, the other is below the water reclamation facility	internal RBC/other colleges	GAINESVILLE	Hall
			internal RBC/other colleges		Crawford
			student projects		Putnam
	stormwater utility development				
			internal RBC/other colleges		Baldwin
	develop permit fee programs				
			internal RBC/other colleges		Baldwin
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Statewide
	Specific Projects				
		Assist ORGA with fundraising for wetland restoration (seeking grant writers/funding)	student projects		Baldwin

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		currently limited options for financial assistance exist to assist homeowners in paying for repairs on failing septic systems, especially for individuals who cannot obtain financing from traditional sources; failing septic systems have been identified as a contributing source of fecal coliform bacteria; to address this problem, we would like to assess the possibility of using the state revolving fund as a source of financing to assist homeowners with those system repairs; EPA has published case studies on how these funds may be used for this purpose; one option includes the use of local banks for processing applications; this model is attractive because it would limit the county's involvement, while still providing access to low interest loans and ensuring that the financial/banking functions are handled by an entity that is already set up for this type of work; it might also be worthwhile to determine whether such a program could be made available statewide.	student projects		Gwinnett
		Request assistance locating funding sources for water protection efforts	internal RBC/other colleges		Putnam

**GIS**

provide necessary data layers to support watershed planning and management

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		Sanitary sewer overflows prevention; the most common cause of sanitary sewer overflows in Gwinnett County are grease blockages; the county requests assistance mapping grease traps and/or test manholes; this would allow enforcement personnel to trace sources of grease that may have contributed to the SSO using GIS	internal RBC/other colleges		Gwinnett
		Create GIS overlays that will help with watershed planning and management. This effort needs to include the impact of different zoning on the watershed, the impact of development on the watershed (example: The planning department being able to plug the data from a proposed development into a program that then identifies the potential impact on the watershed (increased runoff and sedimentation, impact to TMDL, etc)).	internal RBC/other colleges		Clarke
		Any GIS data that can support and improve our water monitoring activities would be very helpful – decisions regarding location of sites, sensitive areas, overdevelopment, erosion and sedimentation problems, etc	internal RBC/other colleges		Greene
		Any GIS data that can support and improve our water monitoring activities would be very helpful – decisions regarding location of sites, sensitive areas, overdevelopment, erosion and sedimentation problems, etc	internal RBC/other colleges		Morgan

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Any GIS data that can support and improve our water monitoring activities would be very helpful – decisions regarding location of sites, sensitive areas, overdevelopment, erosion and sedimentation problems, etc	internal RBC/other colleges		Putnam
			internal RBC/other colleges		Jones
		Planning Directors requests mapping of sub-watersheds within the county.	internal RBC/other colleges		Putnam
			internal RBC/other colleges		Hall
	project and analyze future growth (accurately measure current and forecast future land uses)		internal RBC/other colleges		Crawford
			internal RBC/other colleges		Gwinnett
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Baldwin
			internal RBC/other colleges		Jones
			internal RBC/other colleges		Putnam

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
	develop and analyze build-out scenarios incorporating low impact development planning (LID) and other measures protective of water quality				
		The County reviews and updates its Comprehensive Plan annually. Present development scenarios in the plan do not take a truly integrated approach (i.e., integrating the built environment into natural ecosystems). With the expected growth and mandated water quality regulations, the County would like to assess the incorporation of LID planning into Comprehensive Plan revisions and subsequent regulations.	internal RBC/other colleges		Butts
			internal RBC/other colleges		Putnam
		Provide outreach focusing on future land use and sprawl near the Broad River.	internal RBC/other colleges		Madison
			internal RBC/other colleges		Putnam
	identify sensitive environmental areas or critical populations				
			internal RBC/other colleges		Wilcox
			internal RBC/other colleges		Greene
			internal RBC/other colleges		Clarke

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			internal RBC/other colleges		Putnam
		Assist with the development of a integrated natural resource management strategy. Specifically, utilize vegetative cover-type data (much has already been gathered), correlate cover type to indicator species of wildlife (ranging from insects up to and including mammals) in such a way as to be able to turn off the various cover types and/or identify the indicator species and the GIS overlay will graphically illustrate where the species/cover type are found within the community. This will help natural resource managers see where habitat fragmentation is taking place, where wildlife travel corridors are located, and manage tracts of land accordingly. Additionally, managers will be able to better identify parcels to be acquired or priorities for where easements should be sought. Combined with better road and bridge crossings that accommodate wildlife travel corridors, this can become a powerful planning tool – especially when trying to convince elected officials to fund buffers and greenspace and public works departments to accommodate wildlife travel corridors.	internal RBC/other colleges		Clarke
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Johnson
			internal RBC/other colleges		Jones

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			internal RBC/other colleges		Laurens
			internal RBC/other colleges		Treutlen
			internal RBC/other colleges		Monroe
			internal RBC/other colleges		Telfair
			internal RBC/other colleges		Wheeler
			internal RBC/other colleges		Jeff Davis
			internal RBC/other colleges		Montgomery
			internal RBC/other colleges		Morgan
			internal RBC/other colleges		Bleckley
			internal RBC/other colleges		Statewide
			internal RBC/other colleges		Dodge
		RDC may benefit from assistance with mapping plan for the mapping of sensitive areas	internal RBC/other colleges		Bibb

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	Specific Project				
		County is in the process of hiring GIS manager; Various County departments are in the process of switching GIS from Autodesk to ESRI; working with the UGA ITOF group for support; may be a potential for further assistance from RBC to ensure smooth transition	internal RBC/other colleges	WINDER	Barrow
		Need current aerial photography to support watershed work.	significant additional resourc		Hall
		City of Hawkinsville requests assistance with GIS mapping of archeological sites in the Ocmulgee River; already working with archeologists, may need additional assistance with organization and development of mapping plan and implementation	internal RBC/other colleges	HAWKINSVILLE	Pulaski
	develop priorities and funding strategies for land acquisition that protects water quality				
			internal RBC/other colleges		Gwinnett
			internal RBC/other colleges		Hall

**Greenspace  
Preservation**

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
			internal RBC/other colleges		Baldwin
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Jones
			internal RBC/other colleges		Baldwin
	develop educational materials and other support needed to recruit conservation easements that protect water quality				
		Request assistance planning and leading public meetings about conservation easements for agricultural land, specifically, options for landowners and examples of what has worked and what has not worked.	internal RBC/other colleges		Dooly
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Baldwin
	develop purchase of development rights (PDR) program and/or transfer of development rights (TDR) program to protect water quality				
			internal RBC/other colleges	ATHENS	Clarke

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		General discussions have occurred between elected officials, appointed officials, and community development staff regarding the use of TDRs. The Community Development Director also has spoken to civic groups on the use of TDRs to preserve the rural character of the county and has tried to promote it as one of the most effective and lasting tools for preserving greenspace. More education of the elected officials is needed in particular. Community Development staff also would need assistance in developing the program and training on the management of a TDR program.	student projects		Butts
			internal RBC/other colleges		Baldwin
	provide legal and technical assistance to local land trust				
			internal RBC/other colleges		Clarke
			internal RBC/other colleges		Dooly
	identify potential Brownfield redevelopment sites and develop Brownfield redevelopment strategy for the community				
			internal RBC/other colleges	ATHENS	Clarke
		need a Brownfields inventory and redevelopment	internal RBC/other colleges	ATHENS	Clarke

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			internal RBC/other colleges		Putnam
	Specific Project				
		Local land trust with limited resources requests assistance with the enforcement of easements, such as sedimentation of streams due to development on the adjacent properties.	internal RBC/other colleges		Clarke
		Aid ORGA as part of mission to acquire/protect land and river	internal RBC/other colleges		Baldwin
		improved technology for sewer lines and wastewater treatment	internal RBC/other colleges	ATHENS	Clarke

## Monitoring

	ambient watershed				
		City of Gordon and Wilkinson County may benefit from watershed assessment to better understand source water characteristics and threats	significant additional resourc	GORDON	Wilkinson
	BMP effectiveness				
			significant additional resourc		Putnam

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Assessment of BMP effectiveness: develop a monitoring or similar assessment program to measure the effectiveness of the county's standard BMP in reducing TSS, fecal coliform and other pollutant loads from entering waterways	significant additional resourc		Gwinnett
	citizen efforts				
			significant additional resourc		Putnam
		need equipment for citizen water monitoring; also need specialized equipment to add fecal coliform monitoring to our efforts; need equipment training; tota cost estimated at \$70,000	significant additional resourc		Putnam
		need equipment for citizen water monitoring; also need specialized equipment to add fecal coliform monitoring to our efforts; need equipment training; tota cost estimated at \$70,000	significant additional resourc		Morgan
		need equipment for citizen water monitoring; also need specialized equipment to add fecal coliform monitoring to our efforts; need equipment training; tota cost estimated at \$70,000	significant additional resourc		Greene
	pollutant sources				
		concerned about contamination of urban streams via old gasoline stations;	internal RBC/other colleges	ATHENS	Clarke

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		Need for monitoring related to TMDLs.	significant additional resourc		Hall
					Statewide
		County may benefit from assistance with monitoring protocols to track seeps from below ground landfills	internal RBC/other colleges	ATHENS	Clarke
		Need monitoring for Nitrates from farms, dairy and chicken; Whitewater Creek, elevated nitrates	significant additional resourc		Macon
		Fecal coliform identified within the watersheds, in particular, the Upper Ocmulgee (including Yellow Water Creek, Big Sandy Creek, and Town Branch). Source is not known. After heavy rainfall events, watercourses and bodies may contain remnants of household items/garbage.	internal RBC/other colleges		Butts
		County may request assistance tracking sediment load and potential sources in specific creeks where blockages have occurred; these blockages have caused flooding of property	internal RBC/other colleges	WINDER	Barrow
		Assist property owners to enhance existing monitoring program	internal RBC/other colleges		Greene
		Assist property owners to enhance existing monitoring program	internal RBC/other colleges		Morgan

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		Assist property owners to enhance existing monitoring program	internal RBC/other colleges		Putnam
	illicit discharges				Statewide
	biological				
		monitoring of rare and endangered species in and around Towaliga River	internal RBC/other colleges		Monroe
	inventory data already available within a watershed				Statewide
	Specific Project				
		Lake Oconee waterwatch requests additional monitoring equipment for their citizen monitoring program	significant additional resourc		Putnam
		Identify streams coming into our county from North and West	significant additional resourc		Monroe

**Onsite Sewage  
(septic)**

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
	develop management policies for on site sewage		internal RBC/other colleges	ATHENS	Clarke
			internal RBC/other colleges	ATHENS	Clarke
		High Falls Lake Association and other citizens may need assistance providing outreach to County officials regarding the development of management policies for on site sewage surrounding the lake and it's tributaries; the County Health Department does not currently have existing maps with tank locations and maintenance information; City of Forsyth is the only City in the County on public sewer; 303d listed streams with high fecal counts	significant additional resourc		Monroe
	inventory/identify tanks and leakage:		significant additional resourc		Putnam
			significant additional resourc		Statewide
			significant additional resourc		Putnam
		Identify leaking tanks surround High Falls Lake, Indian Springs, and Lake Jackson	significant additional resourc		Monroe

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		Work in conjunction with county health dept. officials to map leakages	significant additional resourc		Putnam
		Ground verification of septic system failures; Turkey Creek is a small watershed located in the Ocmulgee River Basin; Gwinnett County recently indentified failing septic systems using color infrared aerial (CIR) photography; Turkey Creek was identified as having the highest concentration of septic system failures by stream mile and unit area of any watershed within the county; due to the limitations of CIR, the county suspects that there may be unidentified failures that could only be located with field personnel; the watershed is of a size that would be reasonable for a field group to complete a door-to-door survey; tasks would include educating residents, assessing site conditions, and identifying additional failures	student projects		Gwinnett
			significant additional resourc		Greene
			significant additional resourc		Morgan
		Collaborate with Health Department (Rober Howell, County engineer who is also the Water Resources Director)	significant additional resourc		Putnam
	Specific Project				
		conduct analysis of septic vs. sewer	internal RBC/other colleges	ATHENS	Clarke

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<b>Ordinance Research and Development</b>	riparian buffer / floodplain	greater setback than 25 feet	student projects		Monroe
		County may benefit from assistance with ordinance development for Lake Jackson buffers; may benefit from additional assistance regarding variable buffer width	student projects		Butts
		Stormwater			
		Fencing animals out of streams: keeping animals out of streams could assist in reducing fecal coliform loads of local waterways; in order to do this, a local ordinance would need to be developed; things to consider in developing this ordinance would include: legal impediments to requiring animals to be fenced (regulating agricultural uses), grant money available to assist property owners with fencing, and enforcement procedures	student projects		Gwinnett
			student projects		Jones
			student projects		Putnam

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		City of Macon recently submitted updated Stormwater Management plan. May benefit from planning and implementation assistance regarding stormwater ordinance	student projects	MACON	Bibb
		County just completed their Phase 2 stormwater regulations; may benefit from assistance with drafting of a stormwater ordinance; they recognize it will be a need in the near future	student projects		Jones
		City of Cochran needs assistance with long term planning for stormwater	student projects		Bleckley
		working to improve quality of streams by reducing runoff; need better ordinances	student projects		Henry
	illicit discharge		student projects		Putnam
	low impact development / better site design		student projects		Putnam
		Putnam County is developing a new zoning code. The Planning Director wants to incorporate quality-growth zoning code and wants environmental protections in the zoning code; requests assistance with this process; has "buy-in" of Commission members already	student projects		Putnam

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			student projects		Gwinnett
	conservation / cluster subdivision				
			student projects		Bleckley
			student projects		Johnson
			student projects		Laurens
			student projects		Dodge
			student projects		Wilcox
			student projects		Telfair
			student projects		Wheeler
			student projects		Jeff Davis
			student projects		Treutlen
			student projects		Putnam
			student projects		Montgomery

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	erosion and sedimentation				
		County-wide need for stronger erosion and sedimentation rqmts	student projects		Bleckley
			student projects		Bleckley
			student projects		Johnson
			student projects		Montgomery
			student projects		Jeff Davis
			student projects		Wheeler
			student projects		Telfair
			student projects		Dodge
			student projects		Wilcox
			student projects		Treutlen
			student projects		Laurens
	large lot / agricultural zoning				

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
			student projects		Putnam
			student projects		Putnam
			student projects		Dooly
	resources protection zoning (overlay zoning)		student projects		Jones
		Assist with the creation of and adoption of resource protection zoning. Included in this would be the creation and adoption of a Habitat Restoration and Non-Native Invasive Species Control program. Currently Athens-Clarke County is working to restore habitat and eliminate non-native, invasive species on several sites. In addition to upland areas management plans, new rules/regulations would need to be developed allowing specific activities within the state (and local) waters buffer – management activities specifically targeting habitat restoration and non-native, invasive plant control. Currently, entities must apply on a per site basis making long-term management of several tracts time consuming from a permitting standpoint.	student projects		Clarke
			student projects		Putnam
	tree ordinance				

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
			student projects		Putnam
	Specific Project				
		develop grease trap ordinance	student projects	ATHENS	Clarke
		develop septic tank maintenance or management ordinances	internal RBC/other colleges	ATHENS	Clarke
<b>Restoration Activities</b>					
	riparian buffers				
			significant additional resourc		Baldwin
			internal RBC/other colleges		Hall
	wetlands				
		wetlands and stream mitigation banking	internal RBC/other colleges	ATHENS	Clarke
			significant additional resourc		Baldwin
	Specific Projects				

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Provide funding and incentives for farmers to restore riparian buffers. This would include fencing, stream crossings, watering ramps, reestablishing trees/shrubs, etc.			Hall
		ORGA is responsible for wetland restoration, riparian buffer and possible LID areas for stormwater runoff.	significant additional resourc		Baldwin
<b>Surveys to determine</b>	BMP compliance within a watershed		significant additional resourc		Putnam
			significant additional resourc		Hall
			significant additional resourc		Crawford
	stakeholder awareness / public perception / demographics		significant additional resourc		Hall
			significant additional resourc		Putnam
	use / value of resource to locals				

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
			significant additional resourc		Hall
<b>Training</b>					
	erosion and sedimentation				
		County employees may benefit from workshops focusing on up to date erosion and sedimentation laws and enforcement o those laws	significant additional resourc	COMMERCE	Jackson
		County may benefit from erosion and sedimentation violation training for County staff	significant additional resourc		Monroe
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Wheeler
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Johnson
			significant additional resourc		Hall
		County employees may benefit from workshops focusing on up to date erosion and sedimentation laws and enforcement o those laws	significant additional resourc	JEFFERSON	Jackson

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Telfair
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Wilcox
		Request training focusing on existing laws and enforcement of those laws	significant additional resourc	ATHENS	Clarke
		Develop and implement training sessions on erosion and sedimentation control. This has already been established in many areas but more training is required in actually installing BMP's.	significant additional resourc		Hall
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Treutlen
		Gwinnett County Field Personnel: In house training for Gwinnett County field personnel regarding the prevention of non-point source pollution and erosion and sediment control would improve local waterways and ensure that county staff was setting a good example for the community.	significant additional resourc		Gwinnett
		Provide trainings for city employees focusing on sedimentation and erosion enforcement	significant additional resourc	MACON	Bibb

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Provide trainings for city employees focusing on sedimentation and erosion enforcement	significant additional resourc	MACON	Bibb
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Dodge
		audience: builder/developer	significant additional resourc		Jones
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Jeff Davis
		training for elected officials, county employees and the general public	significant additional resourc		Bleckley
		Training for landscape management personnel to protect water quality	significant additional resourc		Henry
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Laurens
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Bleckley
		Assist with workshops for elected officials and gov employees focusing on erosion and sedimentation	significant additional resourc		Montgomery

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		County may benefit from assistance with assessment of current development review process and improvement	significant additional resourc		Jackson
		Erosion and sedimentation training for elected officials.	significant additional resourc		Madison
	stormwater management				
		develop training for stakeholders focusing on affects of runoff on small tributaries	significant additional resourc	ATHENS	Clarke
		Stormwater pond management pond and education, focusing on maintenance. Audience: Development community and city/county staff.	significant additional resourc		Clarke
		County may benefit from assistance developing brochures for public outreach to increase awareness about stormwater; targeting industry, business and private citizens	student projects		Gwinnett
		training for elected officials and gov employees	significant additional resourc		Bleckley
		Stormwater management training for city and county employees.	significant additional resourc		Madison
		Develop a certification program developed for landscapers focusing on stormwater management landscape practices.	significant additional resourc		Clarke

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		May benefit from trainings for elected officials focusing on stormwater management	significant additional resourc		Henry
	agriculture				
		Provide training for cattlemen focusing on water protection on ag land; ag BMP's in particular	significant additional resourc		Baldwin
		audience: cattle producers	significant additional resourc		Jones
			significant additional resourc		Hall
	land use planning tools				
		Provide workshops focusing on land use planning tools aimed at development authority, water authority, commissioners, and planning and zoning	significant additional resourc		Crawford
		Training for government employees	significant additional resourc		Hall
		For the Board of Commissioners, employees, and Citizens Committee of the Planning and Zoning Commission.	significant additional resourc		Putnam
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Wilcox

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Work to collaborate with City of Fitzgerald for local support of water quality protection; training for government officials, elected and staff	significant additional resourc		Ben Hill
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Johnson
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Bleckley
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Dodge
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Montgomery
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Treutlen
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Laurens
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Telfair

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Jeff Davis
		Requests training on land use planning for elected officials and gov employees	significant additional resourc		Henry
		Assist with workshops for elected officials, gov employees, and general public focusing on land use planning tools	significant additional resourc		Wheeler
	on how to be good watershed stewards for general public				
		Programs focusing on water resouce protection which will benefit the community for years to come	significant additional resourc		Putnam
		Basic watershed education for the general public.	significant additional resourc		Putnam
		Provide training where elected officials and public can participate together and collaborate on water quality protection planning			Baldwin
			significant additional resourc		Dooly
	Specific Project				
		training for elected officials on all topics	significant additional resourc		Monroe

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		May benefit from assistance strengthening collaboration between local governments and the public with regard to watershed awareness	significant additional resourc		Baldwin
		Cleanwater Act compliance training for the development community	significant additional resourc		Statewide
		Develop awareness training for development community on the Non-Point Discharge Elimination System (NPDES) permit.	significant additional resourc		Statewide
		Georgia Power manages 25 foot buffer around Lakes Oconee and Sinclair and protect the waters of the lakes via these buffers; individual property owners own land all the way to the water; much of the time, the County employees are not up to date on the regs that are in place to protect the water by way of the existing buffers; the communities surrounding these two lakes may benefit from workshops focusing on the enforcement of existing laws and information regarding drafting innovative zoning plans; may be a RBC and GA Power collaboration for workshops targeting elected officials, code enforcement personnel and county managers	significant additional resourc		Morgan
		need training of all kinds, but especially for the private sector -- business owners, operators, developers, grant writing, amelioration of urban runoff	significant additional resourc	ATHENS	Clarke

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
<b>Watershed Awareness and Education</b>	create educational materials				
		create educational materials written in Spanish as part of the UGA Latino Initiative focusing on watershed concepts and water quality stewardship;	significant additional resourc		ALL
		Educational Campaign: there is an ongoing need for a number of educational campaigns within the county's watersheds. The scope of the campaigns could include a range of outreach opportunities such as the development of educational brochures, web materials, or bus placards; these materials would be most effective if they were multilingual with an emphasis on English and Spanish; specific educational topics include: landscaping/lawn care, maintenance of detention ponds and other BMP facilities for homeowner associations, homeowner's stream buffer maintenance, and proper grease disposal (with an emphasis on multi-family housing)	student projects		Gwinnett
	identify ways to use the media				
			internal RBC/other colleges		DeKalb
	coordinate and facilitate stakeholder input and outreach groups				

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		The County is limited in its resources and recognizes that the best and most effective way to improve conditions within the watershed is to work directly with stakeholders and encourage a sense of "ownership." To date, a clearly defined stakeholder group has not been defined and organized. Consequently, the County would like assistance in identifying who appropriate stakeholders would be, what would be the best ways to encourage involvement, and how to make the process sustainable over the long term.	internal RBC/other colleges		Butts
					Baldwin
					DeKalb
	provide organizational assistance to organizations working in this area				
		Cental Georgia Rivers Partnership requests assistance with the development of a strategic plan for hiring a land trust expert to communicate with landowners within the group's focus area: Ocmulgee River from Lloyd Shoals Dam to Hawkinsville	significant additional resourc		Houston
		Cental Georgia Rivers Partnership requests assistance with the development of a strategic plan for hiring a land trust expert to communicate with landowners within the group's focus area: Ocmulgee River from Lloyd Shoals Dam to Hawkinsville	significant additional resourc		Bibb

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Cental Georgia Rivers Partnership requests assistance with the development of a strategic plan for hiring a land trust expert to communicate with landowners within the group's focus area: Ocmulgee River from Lloyd Shoals Dam to Hawkinsville	significant additional resourc		Monroe
		Cental Georgia Rivers Partnership requests assistance with the development of a strategic plan for hiring a land trust expert to communicate with landowners within the group's focus area: Ocmulgee River from Lloyd Shoals Dam to Hawkinsville	significant additional resourc		Butts
					Crawford
		Cental Georgia Rivers Partnership requests assistance with the development of a strategic plan for hiring a land trust expert to communicate with landowners within the group's focus area: Ocmulgee River from Lloyd Shoals Dam to Hawkinsville	significant additional resourc		Pulaski
	identify and develop programs to educate elected officials, government employees, civic groups, and the public				
			internal RBC/other colleges		Treutlen
			internal RBC/other colleges		Dodge

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
			internal RBC/other colleges		Baldwin
		High Falls Lake Association and other citizens may need assistance providing watershed awareness workshops targeting local government officials, civic and business leaders and the general public; they are concerned with the health of the Towaliga River which feeds High Falls Lake and High Falls State Park; also concerned with Indian Spring State Park water health; over 50 businesses have joined the High Falls Lake Association	student projects		Monroe
			internal RBC/other colleges		Henry
		County officials may benefit from a workshop focusing on the benefits of forested buffers (as exist around Lake Jackson) and may benefit from a workshop focusing on the tools available to protect those buffers; they have already adopted RBC model buffer ordinance	internal RBC/other colleges		Butts
			internal RBC/other colleges		DeKalb
			internal RBC/other colleges		Gwinnett
			internal RBC/other colleges		Putnam
		Participated in water quality forum for Federation members	internal RBC/other colleges		Clarke

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
			internal RBC/other colleges		Bleckley
		Provide workshops aimed at raising awareness about economic value of water resources for farmers and elected officials	internal RBC/other colleges		Hall
			internal RBC/other colleges		Wilcox
			internal RBC/other colleges		Telfair
			internal RBC/other colleges		Wheeler
			internal RBC/other colleges		Montgomery
			internal RBC/other colleges		Johnson
		Provide assistance to City of Macon focusing on public outreach for stakeholders such as elected officials; assist city in developing goals for long-term outreach program	internal RBC/other colleges	MACON	Bibb
		Provide assistance to City of Macon focusing on public outreach for stakeholders such as elected officials; assist city in developing goals for long-term outreach program	internal RBC/other colleges	MACON	Bibb

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Request assistance with planning and implementation of public meetings about conservation easements.	internal RBC/other colleges		Dooly
		City of Macon and Bibb County officials may benefit from more enhanced intergovernmental coordination in the area of water quality management. Workshops to bring them to the same table may allow for greater sense of unity when dealing with myriad water management issues in the greater Macon area	significant additional resourc	MACON	Bibb
		Commission may benefit from UGA RBC presentation regarding potential projects	internal RBC/other colleges		Gwinnett
			internal RBC/other colleges		Jeff Davis
			internal RBC/other colleges		Laurens
			internal RBC/other colleges		Putnam
	develo a local Master Watershed Stewardship Program		significant additional resourc		DeKalb
		Very interested in this program. South Office is ideal for this effort. It is called the Environmental Education Center and is very close to the South River.	internal RBC/other colleges		DeKalb

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		Sandy Creek Nature Center in Athens could potentially host Master Watershed Stewards training and help coordinate/train volunteers.	internal RBC/other colleges		Clarke
		Very interetsed in Master Watershed Steward Program	internal RBC/other colleges		Hall
			significant additional resourc		Hall
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Morgan
			significant additional resourc		Gwinnett
			internal RBC/other colleges		Putnam
			internal RBC/other colleges		Greene
			internal RBC/other colleges		Clarke
	Specific Project				
		Develop demonstration site with water-efficient irrigation systems (moisture sensors that prevent over irrigation).	significant additional resourc		Clarke

<i>Category</i>	<i>Choice</i>	<i>Project</i>	<i>Type</i>	<i>City</i>	<i>County</i>
		City of Hawkinsville and Pulaski County are reaching out to surrounding counties in order to protect Ocmulgee River. City and County may benefit from assistance with workshops/forums designed to bring elected officials and government staff to the table to develop long term source water protection plans	internal RBC/other colleges	HAWKINSVILLE	Pulaski